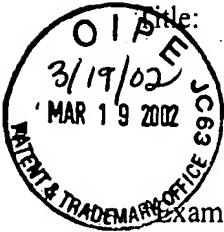


**INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION**

Applicant: V. Faber et al. Attorney Docket No. LIZA118255
 Application No.: 10/006,999 ✓ Group Art Unit: 2621
 Filed: December 3, 2001



Title: METHOD FOR LOSSLESS ENCODING OF IMAGE DATA BY
 APPROXIMATING LINEAR TRANSFORMS AND PRESERVING
 SELECTED PROPERTIES FOR IMAGE PROCESSING

U.S. PATENT DOCUMENTS

Examiner Cite	Kind	Date	
Initials No.	Document No.	Code	(mm/dd/yyyy) Name

None

FOREIGN PATENT DOCUMENTS

*Examiner Cite	Kind	Publication Date	Country	English Abstract Translation Provided
Initial No.	Document No.	Code (mm/dd/yyyy)		Provided

None

OTHER INFORMATION

*Examiner Cite	No.	Description (Including Author, Title, Date, Pertinent Pages, Etc.)
Initial		
✓ <i>Y.A.</i>	O1	Daubechies, I. and W. Sweldens, "Factoring Wavelet Transforms Into Lifting Steps," <i>J. Fourier Anal. Appl.</i> 4:247-269, 1998.
<i>Y.A.</i>	O2	Gohberg, I., et al., <i>Matrix Polynomials</i> , Academic Press, New York, 1982, Chapter S-1, "The Smith Form and Related Problems," pp. 313-341.
<i>Y.A.</i>	O3	Park, H., "A Realization Algorithm for $SL_2(R[x_1, \dots, x_m])$ Over the Euclidean Domain," <i>SIAM J. Matrix Anal. Appl.</i> 21:178-184, 1999.
<i>Y.A.</i>	O4	Park, H. and C. Woodburn, "An Algorithmic Proof of Suslin's Stability Theorem for Polynomial Rings," <i>J. Algebra</i> 178:277-298, 1995.
<i>Y.A.</i>	O5	Sweldens, W., "The Lifting Scheme: A Custom-Design Construction of Biorthogonal Wavelets," <i>Appl. Com-put. Harmon. Anal.</i> 3:186-200, 1996.
<i>Y.A.</i>	O6	Sweldens, W., "The Lifting Scheme: A Construction of Second-Generation Wavelets," <i>SIAM J. Math. Anal.</i> 29:511-546, 1998.

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YH

O7 Tolhuizen, L., et al, "On the Realizability of Bi-Orthogonal, M-Dimensional Two-Band Filter Banks," *IEEE Trans. Signal Processing* 43:640-648, 1995.

YH

O8 Villasenor, J., et al., "Wavelet Filter Evaluation for Image Compression," *IEEE Trans. Image Processing* 4:1053-1060, 1995.

Examiner

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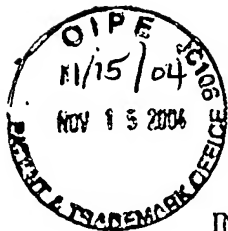
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5/11/05 ✓

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None.

FOREIGN PATENT DOCUMENTS

None.

OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

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✓ J.A. 09 Recommendation ITU-R BT.601-5, "Studio Encoding Parameters of Digital
Television for Standard 4:3 and Wide-Screen 16:9 Aspect Ratios," International
Telecommunication Union, October 1995, pp. 1-16.

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